

Claims:

This listing of the claims will replace all prior versions and listings of claims in the application:

1-14. (Cancelled)

15. (Currently Amended)) In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP), a ~~A~~ data distribution center for transferring user datagram protocol value-added (UDPVA) packet packets that include frame header information generated at the application layer to an end user comprising:

an encoder/decoder (codec) configured to alternatively encode or decode the UDP packets that include the frame header information generated at the application layer; and

a digital signal processor (DSP) portion coupled to the codec, wherein the DSP portion conveys the UDP packets that include the VA packet including UDP frame header information generated at the application layer, and wherein the UDPVA packet packets are is available for delivery to a network destination address or storage located on a local area network or a wide area network.

16. (Currently amended) The data distribution center of claim 15, further comprising an on-screen display buffer that dynamically assigns display specifications based on application requirements, wherein the application requirements relate to an application selected by an end user using a ~~the~~ BIntU transceiver.

17. (Currently amended) The data distribution center of claim 15, wherein ~~the value-~~
~~added~~ information included in the UDPVA ~~packet~~ packets includes an indicator of UDP
delivery of header information.

18. (Currently amended) The data distribution center of claim 15, further comprising a
processor, wherein the UDPVA ~~packet~~ packets are received from an end user located at
a BIntU transceiver independently of the processor.

19. (Cancelled)

20. (Currently amended) The data distribution center of claim 15, wherein the UDPVA
~~packet includes~~ packets include at least one from audio, video, and other data.

21. (Currently amended) The data distribution center of claim 15, wherein the UDPVA
~~packet includes~~ packets include includes a Java an applet.

22. (Currently amended) The data distribution center of claim 15, wherein the data
distribution center interfaces with a broadband interface unit (BIntU) transceiver, and
wherein the BIntU transceiver transmits a return packet to the data distribution center in
response to the UDPVA ~~packet~~ packets.

23. (Currently amended) The data distribution center of claim 22, wherein the UDPVA ~~packet includes~~ packets include includes a Java ~~an~~ applet, and wherein the return packet is transmitted in response to the Java applet.

24. (Currently amended) The data distribution center of claim 15, wherein the UDPVA ~~packet is~~ packets are transmitted to a remote BIntU transceiver utilizing security techniques to ensure the identity of an end user.

25. (Original) The data distribution center of claim 24, wherein the security technique utilizes biometric technology.

26. (Original) The data distribution center of claim 24, wherein the security technique utilizes smart card technology.

27. (Original) The data distribution center of claim 24, wherein the security technique utilizes private key encoding technology.

28. (Currently Amended) The data distribution center of claim 24, wherein the data distribution center interfaces with a broadband interface unit (BIntU) transceiver, wherein the data distribution center selectively transmits a return packet to the BIntU transceiver in response to a ~~received UDPVA~~ received UDP packet, and wherein an end user at the BIntU transceiver can access the UDPVA packet based on the security techniques.

29. (Currently amended) In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP),
a ~~A~~ method for transferring user datagram protocol ~~with value-added~~ (UDPVA) ~~packet~~
packets that include frame header information generated at the application layer from a
broadband interface unit (BIntU) transceiver to a data distribution center comprising:

alternatively coding or decoding the UDP packets that include the frame header
information generated at the application level using an encoder/decoder (codec); and

temporarily storing the UDP ~~packets~~ frame information ~~as a UDPVA packet~~
within a ~~the~~ stack using a digital signal processor (DSP) portion coupled to the codec,
wherein the UDPVA ~~packet is~~ packets are in a form to be transmitted directly to a
network destination address device.

30. (Currently amended) The method of claim 29, wherein the UDPVA ~~packet includes~~
packets include an a-Java applet.

31. (Currently amended) The method of claim 29, wherein the broadband interface unit
(BIntU) transceiver transmits the UDPVA ~~packet~~ packets to the data distribution center.

32. (Currently amended) The method of claim 31, further comprising the step of
generating a return packet to be transmitted from the data distribution center to the BIntU
transceiver in response to the UDPVA ~~packet~~ packets.

33. (Currently amended) The method of claim 29, wherein the ~~UDPVA packet is~~ packets ~~are~~ transmitted to a remote BIntU transceiver using security techniques.

34. (Currently amended)) In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP), a ~~A~~ method for transferring datagram protocol ~~value-added user with~~ (UDPVA) ~~packet~~ packets that include frame header information generated at the application layer from a data distribution center to an end user, the method comprising:

alternatively coding or decoding the UDP packets that include the frame header information generated at the application layer using ~~from~~ an encoder/decoder (codec);
and

~~generating~~ conveying the UDPVA ~~packet~~ packets that include the ~~in response to the UDP frame header information generated at the application layer~~ using a digital signal processor (DSP) portion that is coupled to the codec, wherein the UDPVA ~~packet~~ is ~~packets are~~ available for delivery to a network destination address or storage located on a local area network or a wide area network.

35. (Currently amended) The method of claim 34, wherein the ~~UDPVA packet includes~~ packets include an ~~a~~ Java applet.

36. (Currently amended) The method of claim 34, wherein the data distribution center transmits the UDPVA ~~packet~~ packets to a broadband interface unit (BIntU) transceiver.

37. (Currently amended) The method of claim 36, further comprising the step of generating a return packet to be transmitted from the data distribution center to the BIntU transceiver in response to the ~~UDPVA packet~~ packets.

38. (Currently amended) The method of claim 34, wherein the ~~UDPVA packet is~~ packets are transmitted from the BIntU transceiver using security techniques.

39. (Currently amended) In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP), an apparatus for transferring user datagram protocol with value-added (UDPVA) ~~packet~~ packets that include frame header information generated at the application layer from a first broadband interface unit (BIntU) transceiver at a data distribution center comprising:

means for decoding ~~UDP frame information from a UDP packet~~ UDP packets received from the first BIntU transceiver that include the frame header information generated at the application using an encoder/decoder (codec); ~~the UDP frame~~ information was received from the first BIntU transceiver; and

means for temporarily storing the ~~UDP packets frame information as UDPVA~~ packet within the stack using a digital signal processor (DSP) portion coupled to the codec, wherein the ~~UDPVA packet is~~ UDP packets are in a form to be transmitted directly to a network destination address device.

40. (Currently amended) The apparatus of claim 39, further comprising: means for encoding UDP packets that include the frame header information generated at the application and transmitting the encoded packets ~~UDP frame information to form a second UDP packet, wherein the second UDP packet is transmitted~~ to a second BIntU transceiver.

41. (Currently amended) In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP), ~~an~~ An apparatus for transferring user datagram protocol ~~value-added with~~ (UDPVA) ~~packet~~ packets that include frame header information generated at the application layer from a broadband interface unit (BIntU) transceiver to a data distribution center, ~~the method~~ comprising:

means for alternatively coding or decoding UDP packets that include the frame header information generated at the application layer ~~UDP frame information~~ using an encoder/decoder (codec); and

means for generating and transmitting the ~~UDPVA packet~~ packets from the BIntU transceiver to the data distribution center ~~in response to the UDP frame information~~ using a digital signal processor (DSP) portion coupled to the codec, wherein the ~~UDPVA packet is~~ packets are available for delivery to a network destination address or storage located on a local area network or a wide area network.

42. (Currently amended)) In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP), a A data distribution center for transferring user datagram protocol with value-added (UDPVA) packet packets that include frame header information generated at the application layer from a broadband interface unit (BIntU) transceiver to a data distribution center, comprising:

an encoder/decoder (codec) configured to alternatively encode or decode UDP packets that include the frame header information generated at the application layer ~~frame information~~; and

a digital signal processor (DSP) portion coupled to the codec, wherein the DSP portion includes a stack, wherein the DSP portion temporarily stores the ~~UDP frame information as~~ UDPVA packets within the stack, wherein each UDPVA packet is in a form to be transmitted directly to a network destination address device, and wherein the UDPVA packet is transmitted at, or below, the transport level.